

Page 1 of 1

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Rev Date/ Revs Emp	Rev Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
VU-MCM001	MCMaster-Carr Supply Co,										
PO33481	1		M301S22GA	sf	9/16/2016	9/16/2016	6.0000		0.0000	0	\$0.00
USD	No		301 SS Sheet - Full hard McMaster p/n: 3543T77 m135692	sf	6.0000	PLOU01			0.0000	0	
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO33481

Page 1 of 2

Order Placed By
Chantal Lavoie

09/15/2016

McMaster-Carr Number
7924498-02

Line	Product	Ordered	Shipped
1	3543T77 High-Strength 301 Stainless Steel Sheet, with Certificate, Full Hard, 0.029" Thick, 12" X 36"	2 Each	2 ✓
Shipped separately from our Cleveland warehouse on 08/30			
2	63215K34 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 3/8" ID, 13/16" OD, 13/32" Ball Thick	10 Each	10
3	97395A451 Corrosion Resistant Dowel Pin, Type 316 Stainless Steel, 1/8" Diameter, 3/4" Length	5 Packs	5
4	6605K56 Hook and Loop Cable Ties, 24" Overall LG. , Meets UL 94V2	2 Packs	2
5	91525A120 316 Stainless Steel Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1" OD	2 Packs	2
6	6718K52 303 Stainless Steel Indust-Shape Air Hose Coupling, Plug, 1/4 Coupling Size, 1/4 NPTF Female End	4 Each	4
7	92311A639 18-8 Stainless Steel Cup Point Set Screw, 3/8"-24 Thread, 1" Long	5 Packs	5
8	95606A170 Nylon Plastic Washer, for 7/16" Screw Size, 0.5" ID, 0.688" OD, Off-White	1 Pack	1
9	7467A26 3M Adhesive Cartridge, DP460 High Strength Epoxy, 1.25 Ounces	12 Each	12
10	9438K1 Food-Grade Antiseize Lubricant, 1 lbs. Brush-Top Can	1 Each	1
11	6718K88 303 Stainless Steel Indust-Shape Air Hose Coupling, Size 3/8, Sleeve-Lock Socket, 3/8" ID	2 Each	2
12	91251A440 Black-Oxide Alloy Steel Socket Head Cap Screw, 1/4"-28 Thread, 3/4" Length	1 Pack	1
13	47505A746 Nylon Mesh Sanding Belt for Cleaning, and Polishing, 6" Wide, 48" Long, Medium Grade	3 Each	3

80169-19

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO33481

Order Placed By
Chantal Lavoie

McMaster-Carr Number
7924498-02


Page 2 of 2

09/15/2016

Line	Description	Ordered	Shipped
14	4714A732 High Performance Multipurpose Sanding Belt, 80 Grit, 6" Wide, 48" Long	6 Each	6
15	4714A732 High Performance Multipurpose Sanding Belt, 120 Grit, 6" Wide, 48" Long	6 Each	6


MO6885

L982783

		AK Steel Corporation Metallurgical Test Report Coshocton Works 17400 State Route 16 Coshocton, OH 43812 U.S.A.		Page 1						
CUSTOMER SHIP TO		MILL ORDER NO. 271940-1658 PROCESSOR ORDER NO. M01028330 BUYERS ORDER NO. M01028330 PART NO. 12740 ENGLISH UNITS - PRODUCT - METRIC UNITS 0321 NOM 36.0000 X COIL		Load No. 9342104 Srm No. 9342104						
SKID ID	PIECE	HEAT	PARENT LIFT ID	NET WEIGHT						
SKID249279	1	7552594	320459-02	27,175 LBS. 12,326 KG.						
TOTAL SKIDS	TOTAL PIECES	TOTAL NET WEIGHT								
1	1	27,175 LBS. 12,326 KG.								
L-1 Ladle Analysis of Heat P-Product Analysis of Parent Coil CHEMICAL ANALYSIS										
ID	C	MIN	P	S	SI	CR	NI	MO	N	CU
L 7552594	.10	1.11	.022	.0004	.49	17.46	7.15	.16	.033	.23
SHIPPING DATE: 02/17/2016 REMARKS THIS MATERIAL WAS MELTED AND MANUFACTURED IN THE U.S.A. (DEARS 252.225.7001, 7008 & 7009 COMPLIANT). NO INTENTIONAL ADDITIONS OF MERCURY OR MERCURY COMPOUNDS, RADIUM, ALPHA SOURCE, AND LOW MELTING ALLOYS OR ELEMENTS CAPABLE OF FORMING LOW MELTING ALLOYS WERE MADE THROUGHOUT THE PROCESSING OF THIS MATERIAL. COILED PRODUCTS CONTAIN NO WELDS STEELMAKING PROCESS - EAF MELTED, AOD REFINED, CONTINUOUS CAST SLABS STAINLESS STEELS SUPPLIED BY AK STEEL CORPORATION COMPLY WITH THE EUROPEAN EN10028-2 (2006) AND THE RESTRICTION OF HAZARDOUS SUBSTANCES DIRECTIVE 2002/95/EC (ELVD) AND THE RESTRICTION OF HAZARDOUS SUBSTANCES DIRECTIVE 2001/65/EC (EU-DIRECTIVE 2001/65/EC), EFFECTIVE JANUARY 3, 2002. RESIDUAL LEVELS OF Hg, Pb, Cd & HEXAVALENT CHROMIUM ARE WITHIN ACCEPTABLE LIMITS ACCORDING TO THESE DIRECTIVES										
PRODUCT DESCRIPTION CR SHT TYPE 301 STAINLESS STEEL 7.0% MIN TR FINISH FULL HARD SLIT EDGE * AMS 5519N * ASTM A 666-15 * MIL-S-5059 D-AMEND-3 CANCELED * QQ-S-766-D (CANCELED) * UNS-S30100 11TH EDITION * ASTM F 899-12B (UNS S30100 TYPE 301) * ASTM A 240-15A UNS S30100 CHEMISTRY ONLY * UPW-301-FH 06-04-08										

DAS
14
9:00
16/09/23

*** CONTINUED ON NEXT PAGE ***

		AK Steel Corporation Metallurgical Test Report Coshocton Works 17400 State Route 16 Coshocton, OH 43812 U.S.A.		Page 2	
CUSTOMER		SHIP TO		MILL ORDER NO. 271940-2658 PROCESSOR ORDER NO. M01028330 PART NO. 12740 BUYERS ORDER NO. M01028330	
PARENT LIFT ID		POS T		DIR (L, T, D)	
COND A.S.T.M 10.9		% ELONG BEND 180 4T		ELONG METHOD MEASURED BEND 90 3T	
ELONG GAUGE LENGTH 2 Inch		TENSILE STRENGTH (KSI) 201		Y.S. 2% OFFSET (KSI) 150.5	
ROCKWELL HARDNESS Front C 45		ROCKWELL HARDNESS Tail C 46		ROCKWELL HARDNESS Front C 45	
PARENT LIFT ID		POS T		DIR (L, T, D)	
COND A.S.T.M 10.6		% ELONG BEND 180 4T		ELONG METHOD MEASURED BEND 90 3T	
ELONG GAUGE LENGTH 2 Inch		TENSILE STRENGTH (KSI) 210		Y.S. 2% OFFSET (KSI) 162.7	
ROCKWELL HARDNESS Front C 45		ROCKWELL HARDNESS Tail C 46		ROCKWELL HARDNESS Front C 45	
PARENT LIFT ID		POS F		DIR (L, T, D)	
COND A.S.T.M PASS		% ELONG BEND 180 4T		ELONG METHOD MEASURED BEND 90 3T	
ELONG GAUGE LENGTH 2 Inch		TENSILE STRENGTH (KSI) 210		Y.S. 2% OFFSET (KSI) 162.7	
ROCKWELL HARDNESS Front C 45		ROCKWELL HARDNESS Tail C 46		ROCKWELL HARDNESS Front C 45	

DAS 14 16/09/22
 9:33

THE CERTIFIED TEST REPORT HAS BEEN DELIVERED TO A CONSIGNEE OF MATERIAL PURCHASED FROM AK
 STEEL CORPORATION TO AVOID THE POSSIBILITY OF ITS MISUSE ON DELIVERY OF THE REPORT TO A
 THIRD PARTY IT MUST BE RE-CERTIFIED BY AND UNDER THE NAME OF SUCH CONSIGNEE

SIGNED *Steve Kayman* DATE 05/17/2016 TIME 01:56 PM
 ENG. TAYLOR AMPLICA DESIGN ENGINEER

THE CHEMICAL ANALYSIS AND PHYSICAL OR MECHANICAL TESTS REPORTED ABOVE ARE CORRECT
 AS OBTAINED IN THE RECORDS OF THE CORPORATION
 ALL TESTING IS DONE IN ACCORDANCE WITH A S.E.M. STANDARD, UNLESS OTHERWISE NOTED

AK Steel Corporation 513-425-5000
 MNO27464 REV. 1-14
 Project: VORKE LMS 43112

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 3348/135692

MATERIAL M301S22GA
DATE 16/09/23

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 6SA
QUANTITY INSPECTED 6SA
QUANTITY REJECTED _____

THICKNESS ORDERED .032
THICKNESS RECEIVED .031
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCB (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<u>.031</u>
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<u>HEAT # 7552594</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<u>M301S22GA</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<u>M135692</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input type="radio"/> Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input type="radio"/> Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
TYPE OF MATERIAL	HRC	HRB	DUR A
SIZE OF TEST SAMPLE			
HARDNESS / DUROMETER READING			

Testers located in the Quality Office

QC 18 INSPECTION **ENGINEERING SIGNOFF (if required)**

INSPECTED BY DAS SIGNED OFF BY _____
DATE 16/09/23 DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33481

Purchase Order Date 8/30/2016

PO Print Date 8/30/2016

Page Number 1 of 6

Order From :

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

AUG 30 2016

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M301S22GA ✓	301 SS Sheet - Full hard ✓ McMaster p/n: 3543T77 ✓	9/16/2016 Yes 9/16/2016		6.00 ✓ sf	\$27.43	\$164.56 ✓

MATERIAL: AISI 301 SS SHEET FULL HARD
2B FINISH
AS PER AMS 5517/5518/5902/5519 OR ASTM A666
WITH MIN. FTU = 125 KSI & MIN FTY = 75 KSI
mcmaster p/n 3543T77

8/16-9-19

Line Total: \$164.56

2	63215K34 ✓	Bearing	9/2/2016 Yes 9/2/2016		10.00 ✓ Each	\$17.24	\$172.40 ✓
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AS PER DWG D2611 REV. C
B150049 ✓

8/16-9-16

Line Total: \$172.40

Note:

8/30/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33481**

Purchase Order Date 8/30/2016
PO Print Date 8/30/2016

Page Number 2 of 6

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

3	97395A451	Dowel Pin	9/2/2016 Yes 9/2/2016	FN Each	50.00	\$0.81	\$40.60
AS PER DWG D5317 REV. A B150549							
Line Total:							\$40.60
4	6605K56	HOOK AND LOOP TIE	9/2/2016 Yes 9/2/2016	Each	10.00	\$2.78	\$27.78
AS PER DWG D3551 REV. A B150592							
Line Total:							\$27.78
5	91525A120	washer	9/2/2016 Yes 9/2/2016	Each	50.00	\$0.25	\$12.52
AS PER DWG D3456 REV. A B150652							
Line Total:							\$12.52

Sp/6-9-6

Note:

8/30/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33481

Purchase Order Date 8/30/2016
PO Print Date 8/30/2016

Page Number 3 of 6

Order From :

VU-MCM001

Ship To : DART AEROSPACE LTD

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

✓ 6	6718K52 ✓	Fitting, Quick Disconnect ✓	9/2/2016 Yes 9/2/2016	4.00 Each ✓	\$5.81	\$23.24 ✓
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AS PER DWG D4182 REV. B
B150655 ✓

Line Total: \$23.24

✓ 7	92311A639 ✓	SS SET SCREW ✓	9/2/2016 Yes 9/2/2016	50.00 Each ✓	\$0.63	\$31.45 ✓
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AS PER DWG D2747 REV. B
B150669 ✓

Line Total: \$31.45

✓ 8	95606A170 ✓	Washer ✓	9/2/2016 Yes 9/2/2016	100.00 Each ✓	\$0.09	\$8.60 ✓
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AS PER DWG D3631 REV. A
B150675 ✓

Line Total: \$8.60

Spoke 9-6

Note:

8/30/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33481**

Purchase Order Date 8/30/2016

PO Print Date 8/30/2016

Page Number 4 of 6

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

9 71400-11

74678A26 DP-460

9/2/2016

Yes

9/2/2016

12.00

Each

\$24.96

\$299.52

Line Total:

\$299.52

Deliver To: ANDY

10 71400-45

9438K1 ANTI SEIZE

9/2/2016

Yes

9/2/2016

1.00

Each

\$23.57

\$23.57

Line Total:

\$23.57

Deliver To: STORE

11 71400-15

6718K88 303 SS SHAPE
AIR HOSE

9/2/2016

Yes

9/2/2016

2.00

Each

\$45.19

\$90.38

Line Total:

\$90.38

Deliver To: ERIC.L

Note:

8/30/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33481**

Purchase Order Date 8/30/2016

PO Print Date 8/30/2016

Page Number 5 of 6

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

12	71400-15	91251A440 CAP SCREW	9/2/2016 Yes 9/2/2016	1.00 Each	\$7.69	\$7.69
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Line Total: \$7.69

Deliver To: ERIC.L

13	71500-15	47505A746 NYLON MESH SANDING BELT	9/2/2016 Yes 9/2/2016	3.00 Each	\$60.78	\$182.34
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Line Total: \$182.34

Deliver To: ERIC.L

14	71500-15	4714A732 SANDING BELT 80 GRIT	9/2/2016 Yes 9/2/2016	6.00 Each	\$10.96	\$65.76
----	----------	----------------------------------	-----------------------------	--------------	---------	---------

Line Total: \$65.76

Deliver To: ERIC.L

Sp/6-9-6

Note:

8/30/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33481**

Purchase Order Date 8/30/2016

PO Print Date 8/30/2016

Page Number 6 of 6

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

15	71500-15	4714A732 SANDING BELT 120 GRIT	9/2/2016	6.00	\$9.44	\$56.64
			Yes	Each		
			9/2/2016			

Line Total: \$56.64

Deliver To: ERIC.L

16	71401-45	PROCUREMENT QUALITY CLAUSES	9/2/2016	1.00	\$0.00	\$0.00
			No			
			9/2/2016			

PROCUREMENT QUALITY CLAUSES
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A025 CERTIFICATE OF CONFORMANCE
A040 NOTIFICATION OF QUALITY ESCAPE
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

Line Total: \$0.00

PO Total: \$1,207.05

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 8/30/2016